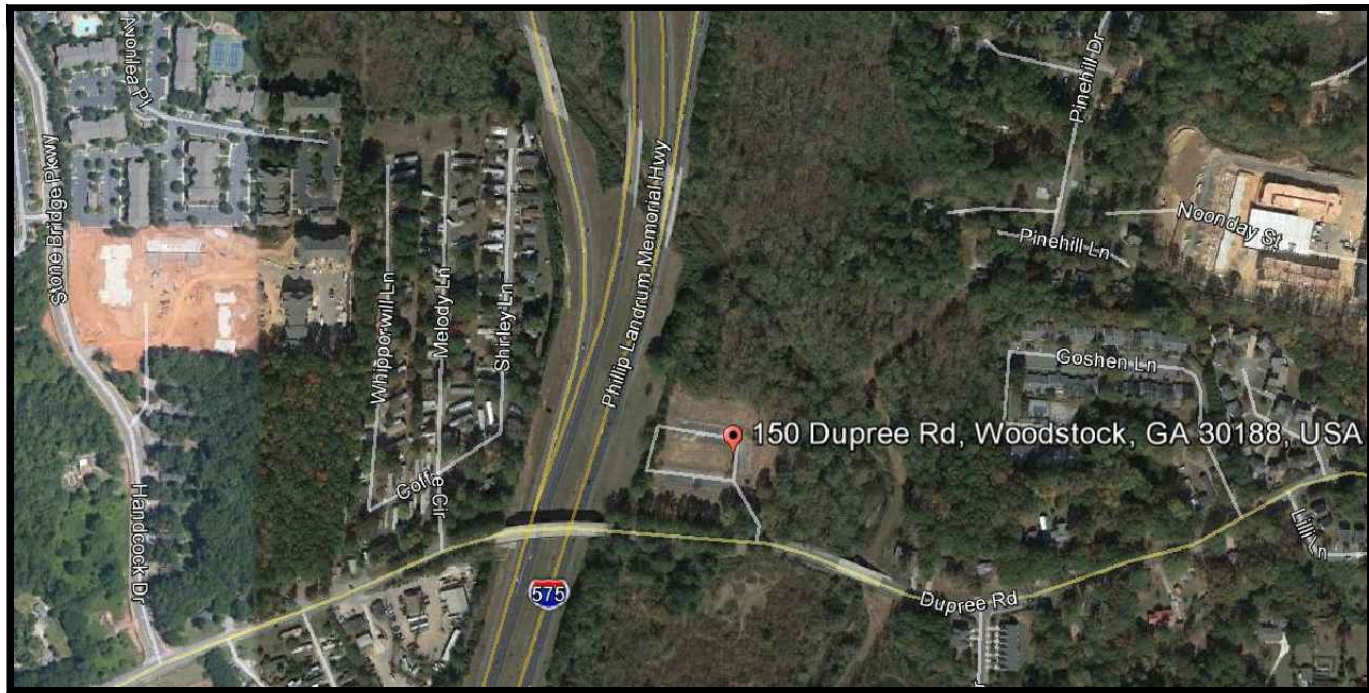


Dupree Road Park Project

150 Dupree Road
Woodstock, Georgia 30188

SITE LOCATION MAP



INDEX OF DRAWINGS

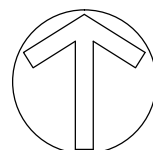
A0.0	COVER SHEET
A2.0	FLOOR PLAN & ELEVATIONS
A2.1	SECTIONS & DETAILS
S1.0	STRUCTURAL PLANS, NOTES & DETAILS
P1.0	PLUMBING PLANS, NOTES & DETAILS
M1.0	MECHANICAL PLANS, NOTES & DETAILS
E1.0	ELECTRICAL PLANS, NOTES & DETAILS

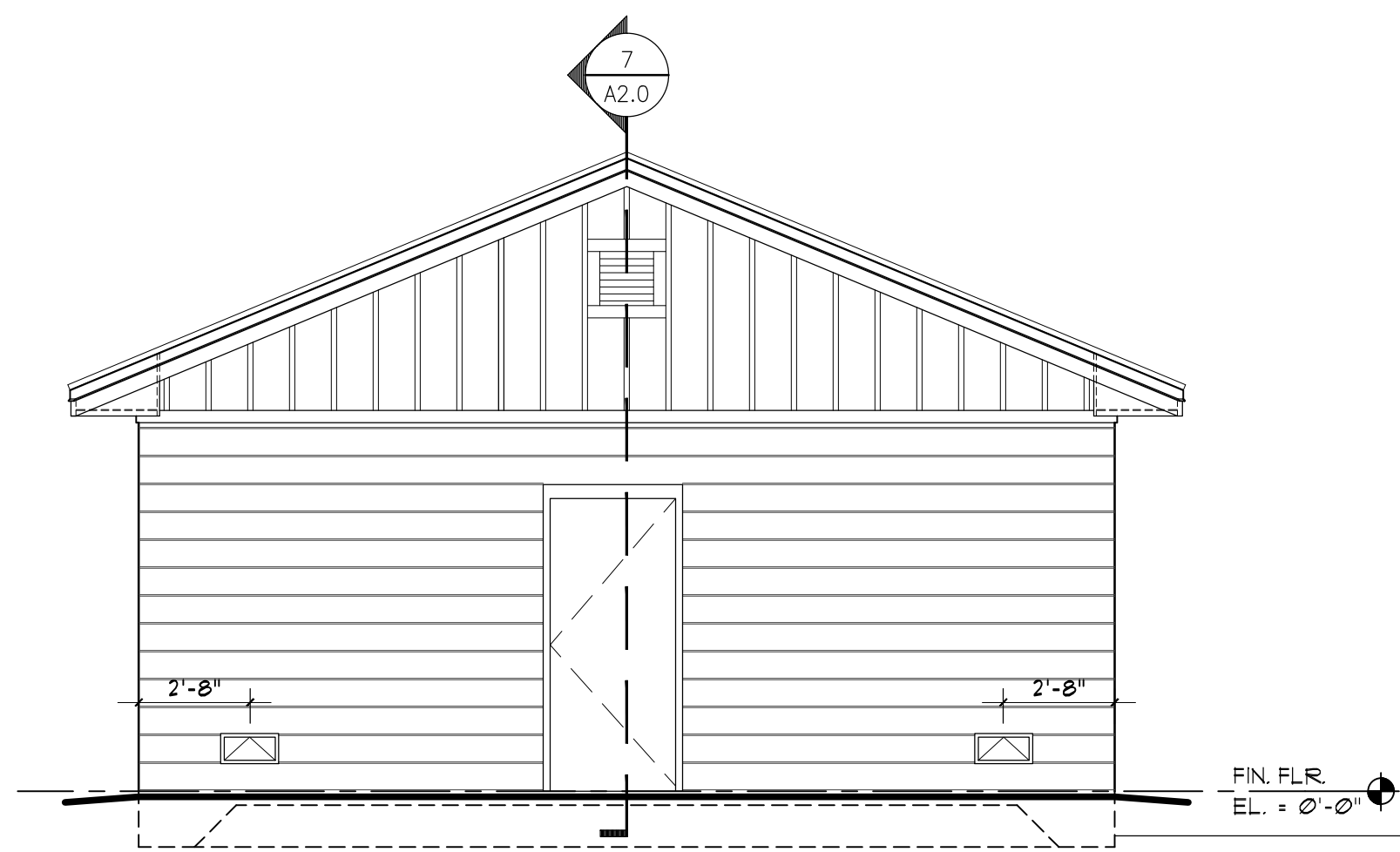
APPLICABLE CODES

International Building Code - 2006 Edition with Georgia Amendments
International Mechanical Code - 2006 Edition with Georgia Amendments
International Plumbing Code - 2006 Edition with Georgia Amendments
International Fuel Gas Code - 2006 Edition with Georgia Amendments
International Fire Prevention Code - 2006 Edition with Georgia Amendments
National Electrical Code - 2011 Edition
International Energy Conservation Code - 2009 Edition with Georgia Supplements and Amendments
International Existing Building Code - 2006 Edition with Georgia Amendments
International Property Maintenance Code - 2006 Edition with Georgia Amendments
NFPA 101 Life Safety Code - 2000 Edition with Georgia Amendments
2010 ADA Standards

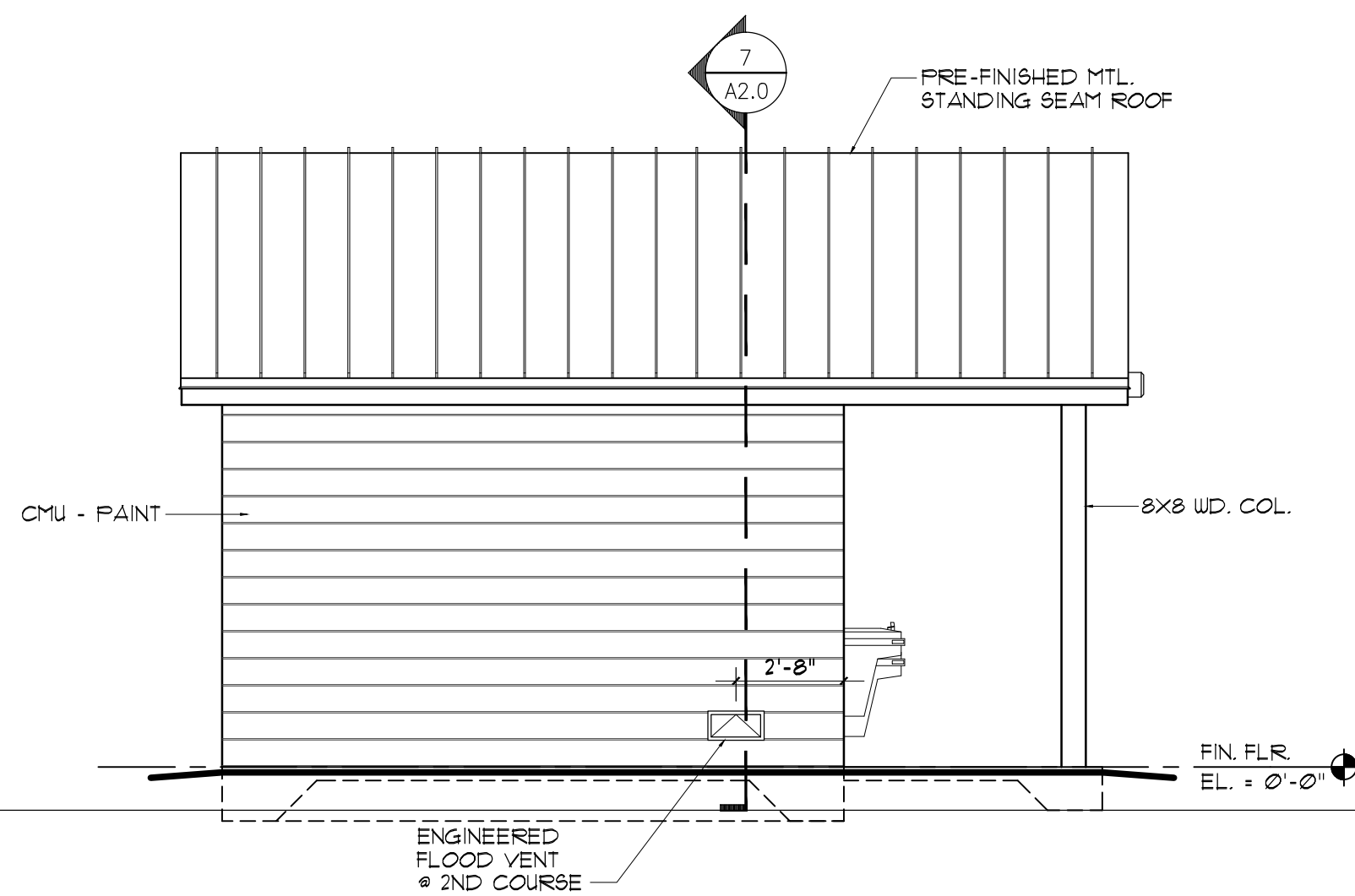
PROJECT DATA

PROJECT ADDRESS:	DUPREE ROAD PARK PROJECT 150 DUPREE ROAD WOODSTOCK, GEORGIA 30188	BUILDING DATA	
OWNER	CITY OF WOODSTOCK, GA	LAND LOT, DISTRICT:	TBD
ARCHITECT:	EPIC FACILITY SOLUTIONS OF GEORGIA, LLC 520 TERESA LANE CANTON, GA 30115-9242 CONTACT: BEN FOLSOM (770) 596-5739	ZONING:	TBD
24 HOUR CONTACT:	TAL HARBER (678) 464-7358	SITE AREA:	TBD
		SITE AREA (DISTURBED):	TBD
		INTERNATIONAL BUILDING CODE OCCUPANCY CLASSIFICATION:	GROUP A-3 ASSEMBLY/UTILITY
		INTERNATIONAL BUILDING CODE CONSTRUCTION CLASSIFICATION:	TYPE V-B, UNSPRINKLERED
		NFPA LIFE SAFETY CODE OCCUPANCY CLASSIFICATION:	NEW ASSEMBLY
		ALLOWABLE HEIGHT:	55'-0", 2 STORIES
		ACTUAL BUILDING HEIGHT:	12'-5, 1 STORY
		ALLOWABLE AREA:	9,500 GSF/FLOOR
		ALLOWABLE AREA MODIFICATIONS:	NONE REQUIRED
		AREA SEPARATIONS:	NONE REQUIRED
		HEIGHT MODIFICATIONS:	NONE REQUIRED
		BUILDING AREA:	358 GSF

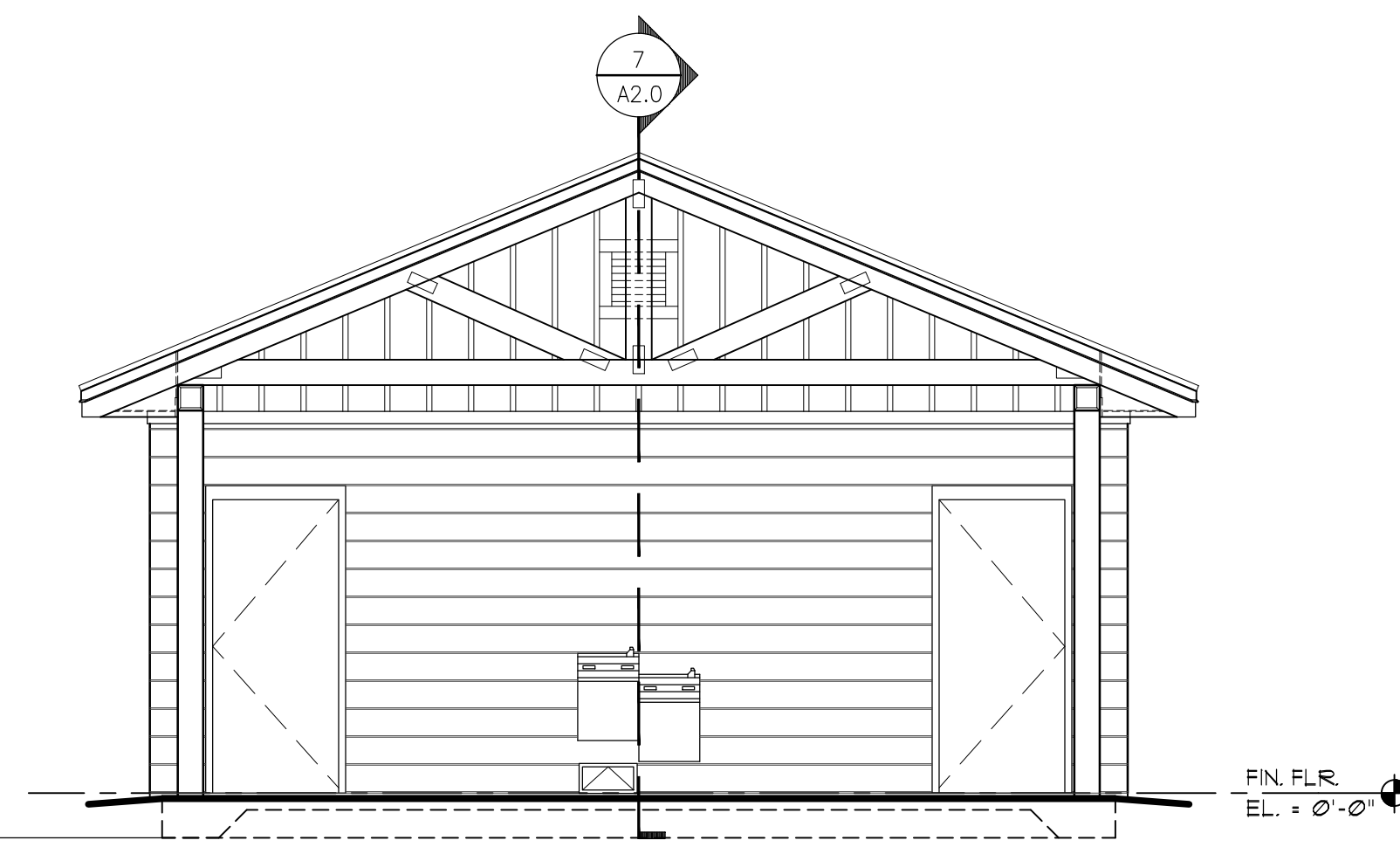




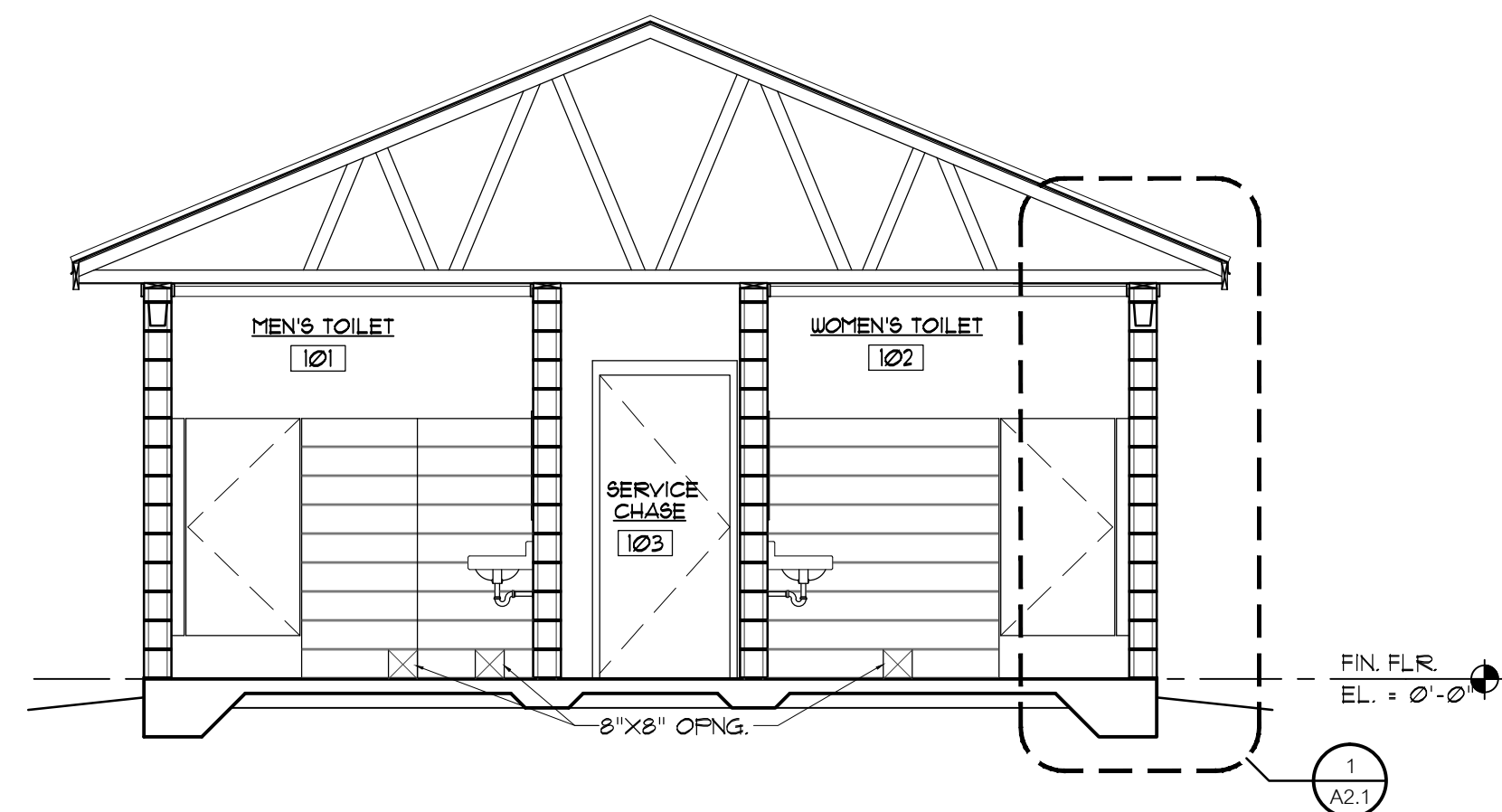
5 REAR ELEVATION
A2.0 SCALE: 1/4" = 1'-0"



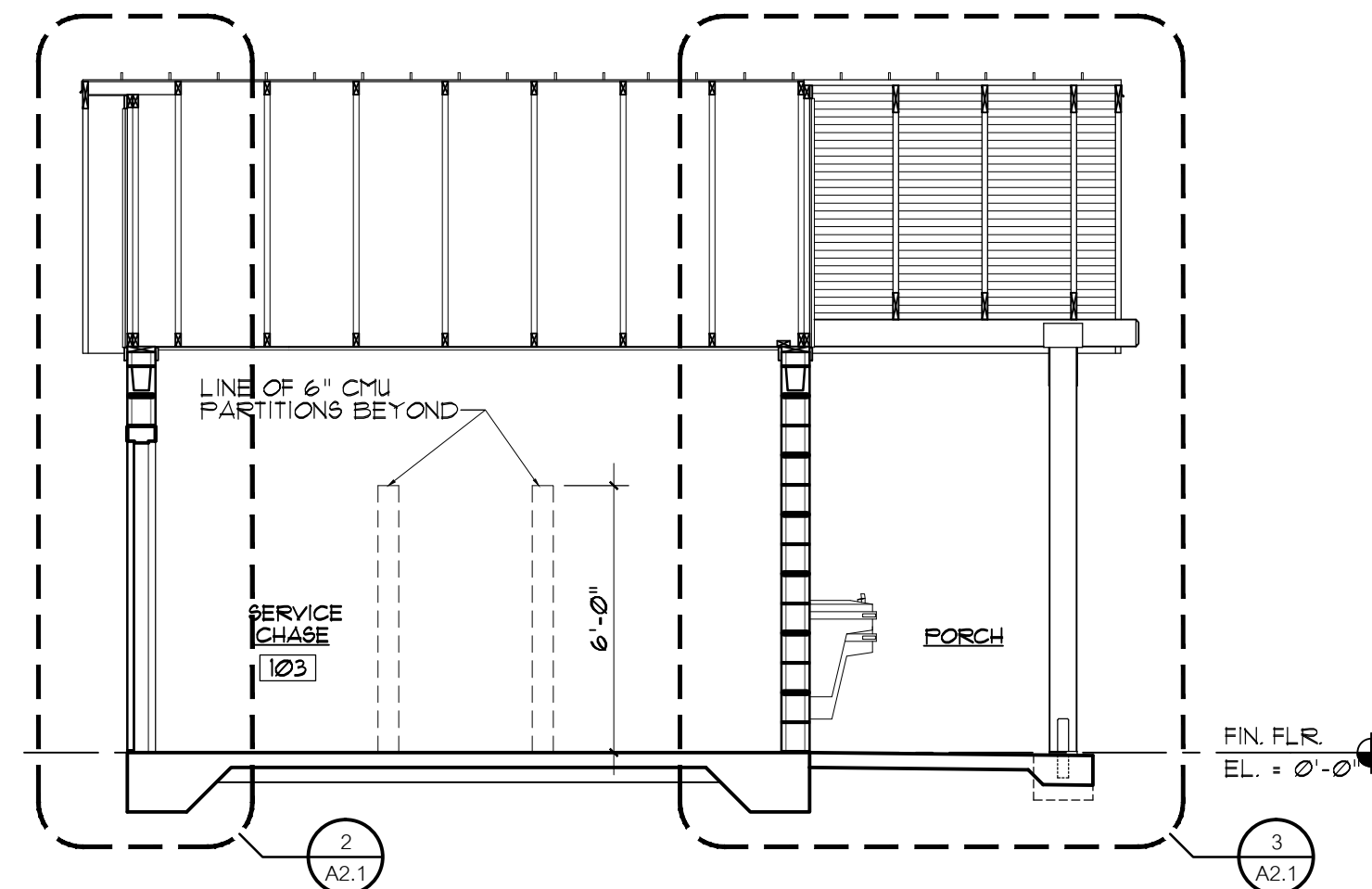
4 LEFT ELEVATION (RIGHT ELEV. O.H.)
A2.0 SCALE: 1/4" = 1'-0"



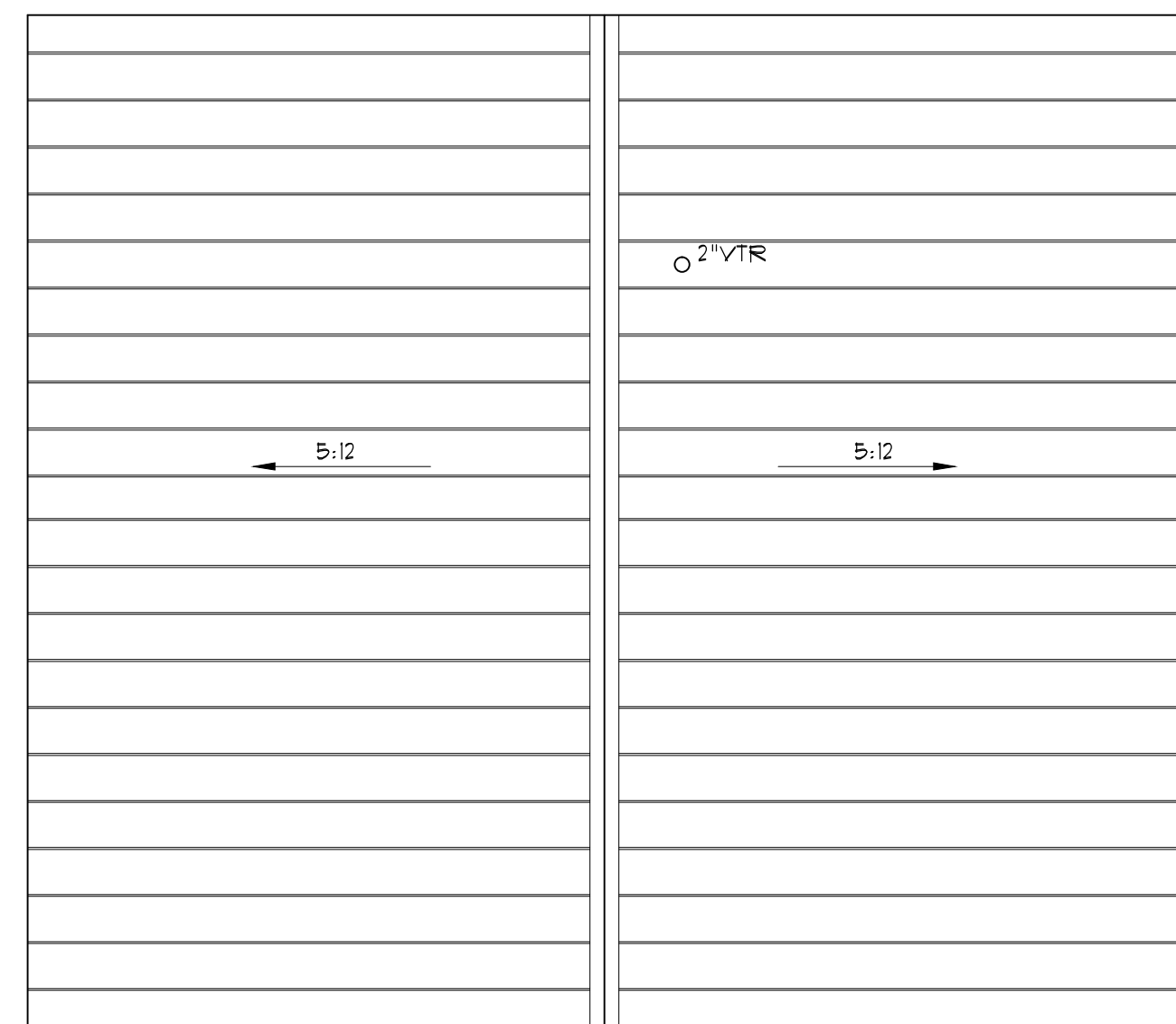
3 FRONT ELEVATION
A2.0 SCALE: 1/4" = 1'-0"



6 BUILDING SECTION
A2.0 SCALE: 1/4" = 1'-0"

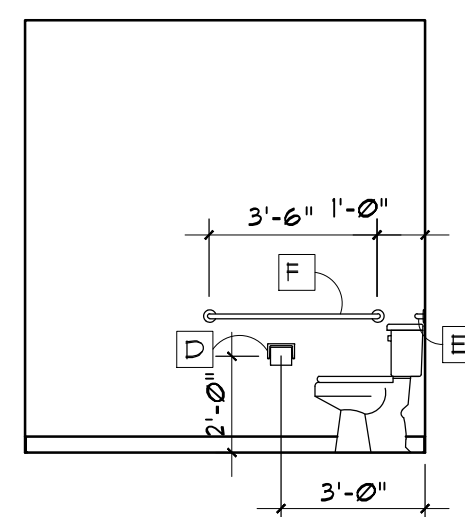


7 BUILDING SECTION
A2.0 SCALE: 1/4" = 1'-0"

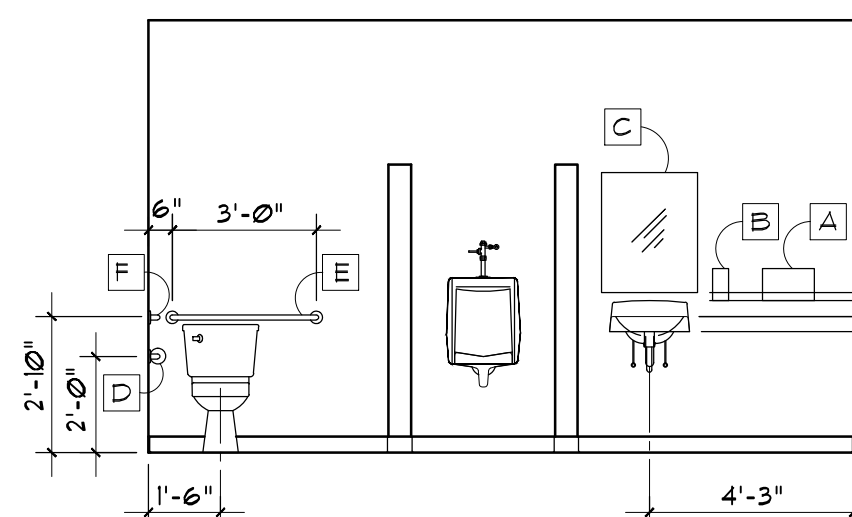


2 ROOF PLAN
A2.0 SCALE: 1/4" = 1'-0"

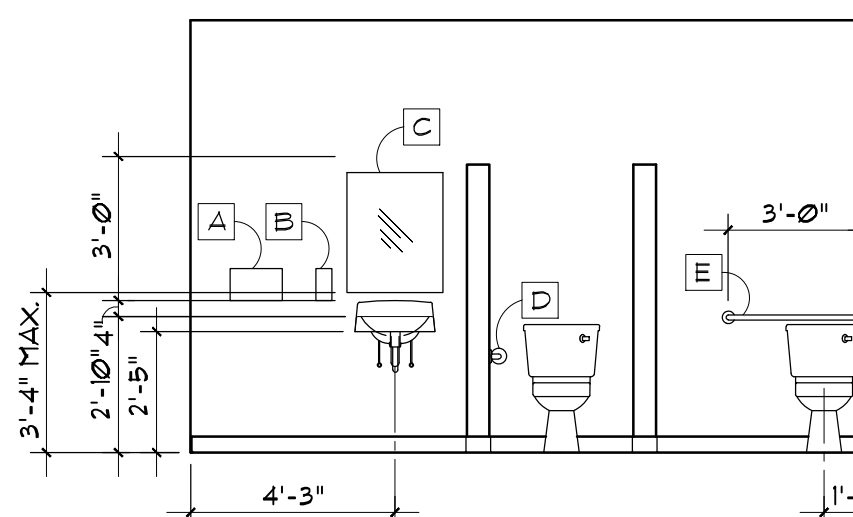
TOILET ACCESSORIES LEGEND	
A	SURFACE MOUNTED PAPER TOWEL DISPENSER
B	SURFACE MOUNTED SOAP DISPENSER
C	MIRROR
D	SURFACE MOUNTED DUAL ROLL TOILET PAPER DISPENSER
E	36" GRAB BAR
F	42" GRAB BAR



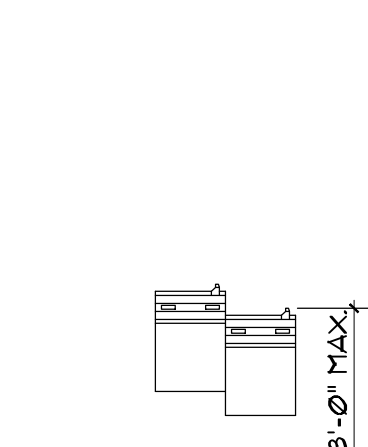
8 INT. ELEV.
A2.0 SCALE: 1/4" = 1'-0"



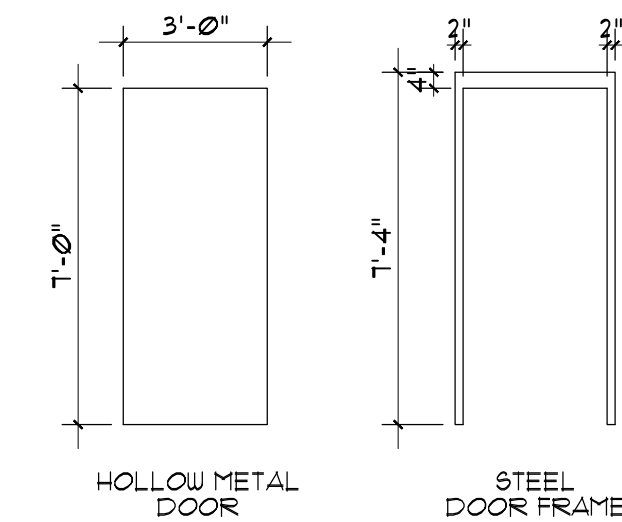
9 INT. ELEV.
A2.0 SCALE: 1/4" = 1'-0"



10 INT. ELEV.
A2.0 SCALE: 1/4" = 1'-0"



11 INT. ELEV.
A2.0 SCALE: 1/4" = 1'-0"



12 DOOR/FRAME TYPES
A2.0 SCALE: 1/4" = 1'-0"

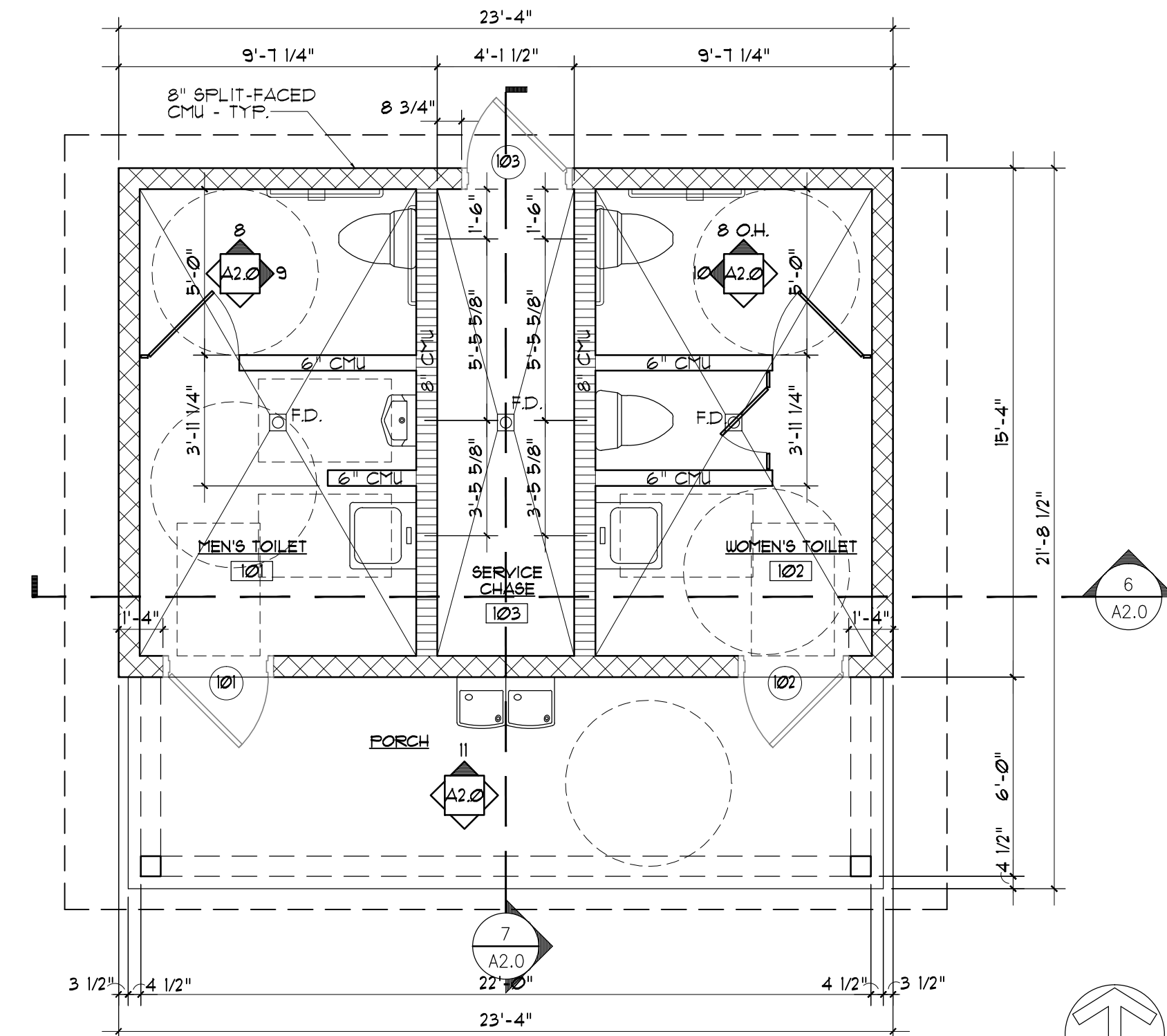
DOOR SCHEDULE									
MARK	DOOR					FRAME			FIRE RATING
	TYPE	SIZE (W X H)	THK.	MTL.	FIN.	TYPE	MTL.	FIN.	
101	A	3'-0" X 7'-0"	1 3/4"	HM	PAINT	1	HM	PAINT	1
102	A	3'-0" X 7'-0"	1 3/4"	HM	PAINT	1	HM	PAINT	2
103	A	3'-0" X 7'-0"	1 3/4"	HM	PAINT	1	HM	PAINT	2

HARDWARE SETS:
1. 1 1/2 PR. HINGES, DEADBOLT, PUSH/PULL, WEATHERSTRIP, 3 SILENCERS, OFFSET THRESHOLD.
2. 1 1/2 PR. HINGES, STORAGE LOCKSET, WEATHERSTRIP, 3 SILENCERS, THRESHOLD

ABBREVIATIONS
HM HOLLOW METAL

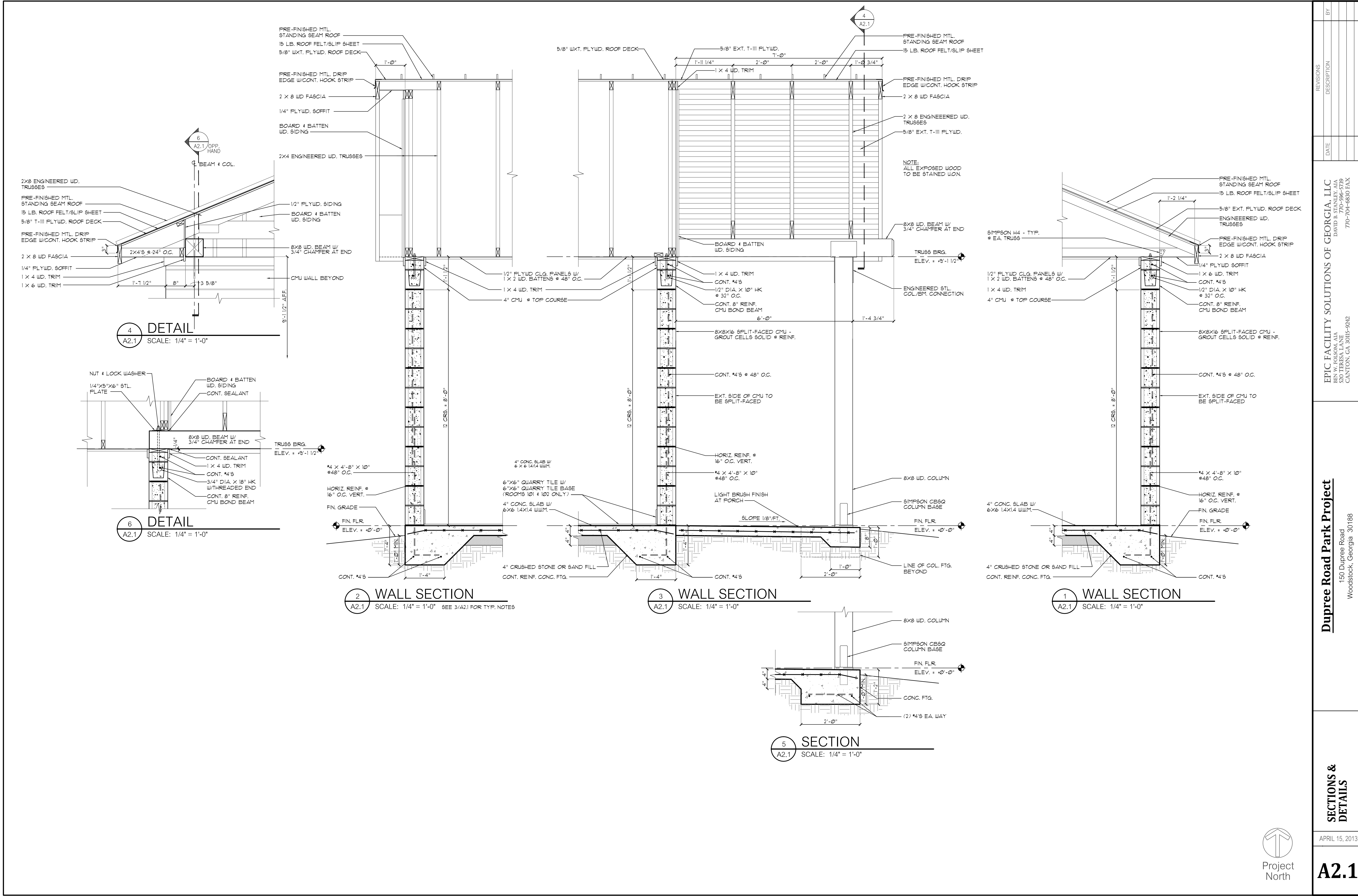
GENERAL NOTES & SPECIFICATIONS

- PROVIDE BULLNOSE UNITS AT END AND TOP OF 6" CMU PARTITIONS.
- PROVIDE 8"x8" OPENING AT MIDPOINT OF BASE OF 6" CMU PARTITIONS.
- ENGINEERED FLOOD VENTS TO BE AS MANUFACTURED BY SMART VENT, DUAL FUNCTION FLOOD PROTECTION AND NATURAL AIR VENTILATION UNIT, MODEL 1540-510.
- HOLLOW METAL DOORS & FRAMES TO BE AS MANUFACTURED BY STEELCRAFT OR APPROVED EQUAL. DOORS TO BE 16 GAUGE, G60 GALVANIZED STEEL, NON-INSULATED, S.D.I. GRADE 111/MODEL 2 SEAMLESS DESIGN. FRAMES TO BE 14 GAUGE, G60 GALVANIZED, FACE WELDED AND GROUND SMOOTH. PROVIDE APPROPRIATE ANCHORS AND PREP DOORS AND FRAMES FOR HARDWARE AS SPECIFIED.
- PROVIDE GABLE END VENTS BY BUILDER'S EDGE, 18" X 24" RECTANGULAR GABLE VENT OR APPROVED EQUAL.
- PROVIDE STANDING SEAM METAL ROOF AS MANUFACTURED BY BERRIDGE OR APPROVED EQUAL, 26 GAUGE, 12" WIDE, 1" RIB HEIGHT, COLOR AS SELECTED BY OWNER FROM MANUFACTURER'S STANDARD COLORS.
- PROVIDE TOILET STALL DOORS AS MANUFACTURED BY GLOBAL PARTITIONS OR APPROVED EQUAL, 1" THICK HIGH-DENSITY POLYETHYLENE OR POLYPROPYLENE HOMOGENEOUS PANELS WITH STANDARD HINGE, STRIKE, AND LATCH & MOUNTING BRACKETS. COLOR AS SELECTED BY OWNER FROM MANUFACTURER'S STANDARD COLORS.
- PROVIDE TOILET ACCESSORIES AS SCHEDULED AS MANUFACTURED BY AMERICAN SPECIALTIES OR APPROVED EQUAL, HEAVY DUTY VANDAL RESISTANT, SATIN FINISH STAINLESS STEEL.
- PROVIDE SILOXANE/ACRYLIC EMULSION SEALER AT EXTERIOR CMU SURFACES. EXTERIOR SPLIT FACED CMU COLOR TO BE INTEGRAL, COLOR TO BE SELECTED BY OWNER.
- PROVIDE ZINSSER WATERITE-LV LATEX BASED, VOC COMPLIANT, WATERPROOFING CMU PAINT, OR APPROVE EQUAL, AT ALL INTERIOR CMU SURFACES. COLOR TO BE SELECTED BY OWNER.
- PROVIDE 6"x6" QUARRY TILE AS MANUFACTURED BY DALTILE OR APPROVED EQUAL. COLOR OF TILE AND GROUT TO BE SELECTED BY OWNER. TILE TO BE INSTALLED PER THE TILE COUNCIL OF AMERICA, INC., HANDBOOK FOR CERAMIC, GLASS, AND STONE TILE INSTALLATION, LATEST EDITION, METHOD F13-03. TILE TO HAVE DYNAMIC COEFFICIENT OF FRICTION OF NOT LESS THAN 0.42 PER ASTM C1028 AND STATIC COEFFICIENT OF FRICTION OF NOT LESS THAN 0.30 WET PER ASTM F489 AND F603.



1 FLOOR PLAN
A2.0 SCALE: 1/4" = 1'-0"



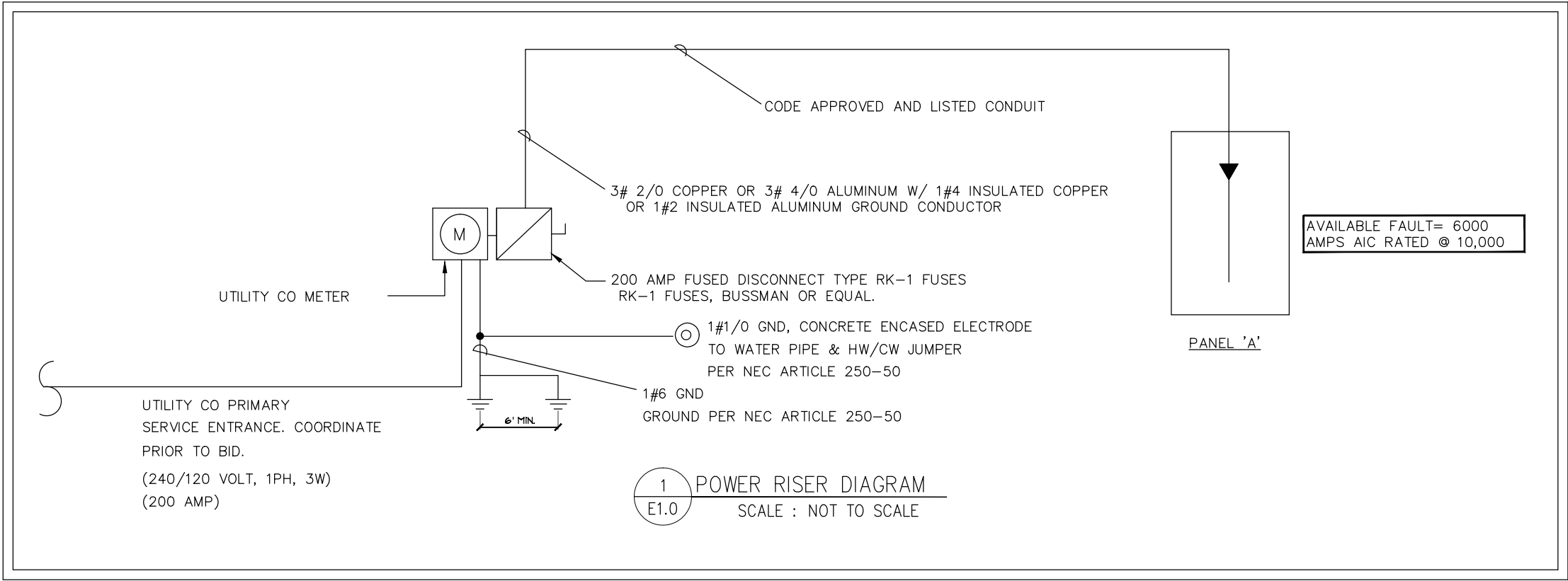


SYMBOLS LEGENDS

- FLUORESCENT FIXTURE 2'x4' AND OUTLET, FLUSH MOUNTED IN CEILING.
- FLUORESCENT FIXTURE 2'x2' AND OUTLET FLUSH MOUNTED IN CEILING
- FLUORESCENT STRIP FIXTURE AND OUTLET, SURFACE MOUNTED.
- HID OR INCANDESCENT OR FLUORESCENT FIXTURE AND OUTLET, FLUSH IN CEILING.
- INCANDESCENT WALL WASH AND OUTLET, FLUSH IN CEILING.
- H.I.D. WALL PACK FIXTURE AND OUTLET, WALL MOUNTED.
- H.I.D. POLE TOP LUMINAIRE.
- FLUORESCENT FIXTURE 2'x4' AND OUTLET WITH BATTERY BACK UP BALLAST FLUSH MOUNTED IN CEILING SWITCHED WITH NORMAL FIXTURE NL DENOTES NIGHT LIGHT UNSWITCHED
- EXIT SIGN WITH EMERGENCY BATTERY PACK, CEILING MOUNTED.
- EXIT / LIGHT COMBINATION
- EMERGENCY LIGHT WITH BATTERY PACK
- SINGLE POLE ROCKER SWITCH, 4'-0" A.F.F., WHITE LEVITON 5621-W
- THREE-WAY ROCKER SWITCH, 4'-0" A.F.F., WHITE LEVITON 5623-W
- FOUR-WAY ROCKER SWITCH, 4'-0" A.F.F., WHITE LEVITON 5624-W
- DIMMER SWITCH, 4'-0" A.F.F., LUTRON #N-2000. (TWO-GANG BOX) (WHITE)
- SINGLE POLE KEY SWITCH 4'0" AFF WHITE LEVITON #1221-L W
- OCCUPANCY SENSOR LIGHT SWITCH WITH SHUT-OFF DELAY
- DUPLEX RECEPTACLE, 15A., 120V., 18" A.F.F. OR AT HEIGHT NOTED, WHITE LEVITON 5325-W
- DUPLEX RECEPTACLE, 15A., 120V., 42" A.F.F. OR AT HEIGHT NOTED, WHITE LEVITON 5325-W
- DUPLEX RECEPTACLE, DEDICATED, 20A., 120V., 18" A.F.F. OR AT HEIGHT NOTED, WHITE LEVITON 16342-W
- DUPLEX RECEPTACLE, DEDICATED, 20A., 120V., 42" A.F.F. OR AT HEIGHT NOTED, WHITE LEVITON 16342-W
- DUPLEX RECEPTACLE, 42" A.F.F. OR AT HEIGHT NOTED, WITH GROUND FAULT INTERRUPTER, LEVITON #6398 HGW
- DUPLEX RECEPTACLE, 18" A.F.F. OR AT HEIGHT NOTED, WITH GROUND FAULT INTERRUPTER, WHITE LEVITON #6398 HGW WP DENOTES WEATHERPROOF COVER
- JUNCTION BOX, FLOOR MOUNTED.
- JUNCTION BOX, CEILING MOUNTED.
- JUNCTION BOX, WALL MOUNTED.
- DUPLEX RECEPTACLE, 15A., 120V., 18" A.F.F. OR AT HEIGHT NOTED, WITH GROUND FAULT INTERRUPTER PROTECTION.
- DUAL RJ45 TELEPHONE OUTLET MOUNTED 18" AFF AT HEIGHT COORDINATE WIRING WITH OWNER
- 2#12, 1#12G ROMEX RUN CONCEALED IN CEILING AND/OR WALL. UNLESS NOTED OTHERWISE
- 2#12, 1#12G ROMEX RUN EXPOSED ON CEILING AND/OR WALL. UNLESS NOTED OTHERWISE
- 2#12, 1#12G ROMEX HOMERUN TO PANEL. UNLESS NOTED OTHERWISE
- INDICATES GROUND CONDUCTOR.
- FIRE ALARM PULLSTATION 4'-0" A.F.F..
- ADA, FIRE ALARM STROBE DEVICE. 1'-0" BELOW CEILING.
- MOTOR, SIZE AS NOTED.
- MOTOR STARTER/CONTROLLER. (BY OTHERS)
- DISCONNECT SWITCH, SIZE AS NOTED.
- DENOTES RAINTIGHT.
- DENOTES DRINKING FOUNTAIN.
- DENOTES EXISTING DEVICE OR EQUIPMENT
- FLUSH MOUNTED FLOOR BOX WITH DUPLEX RECEPTACLE, 20A., 120V.
- FLUSH MOUNTED FLOOR BOX WITH (2) DUPLEX RECEPTACLE, 20A., 120V.
- 208 VOLT OUTLET
- CATV OUTLET

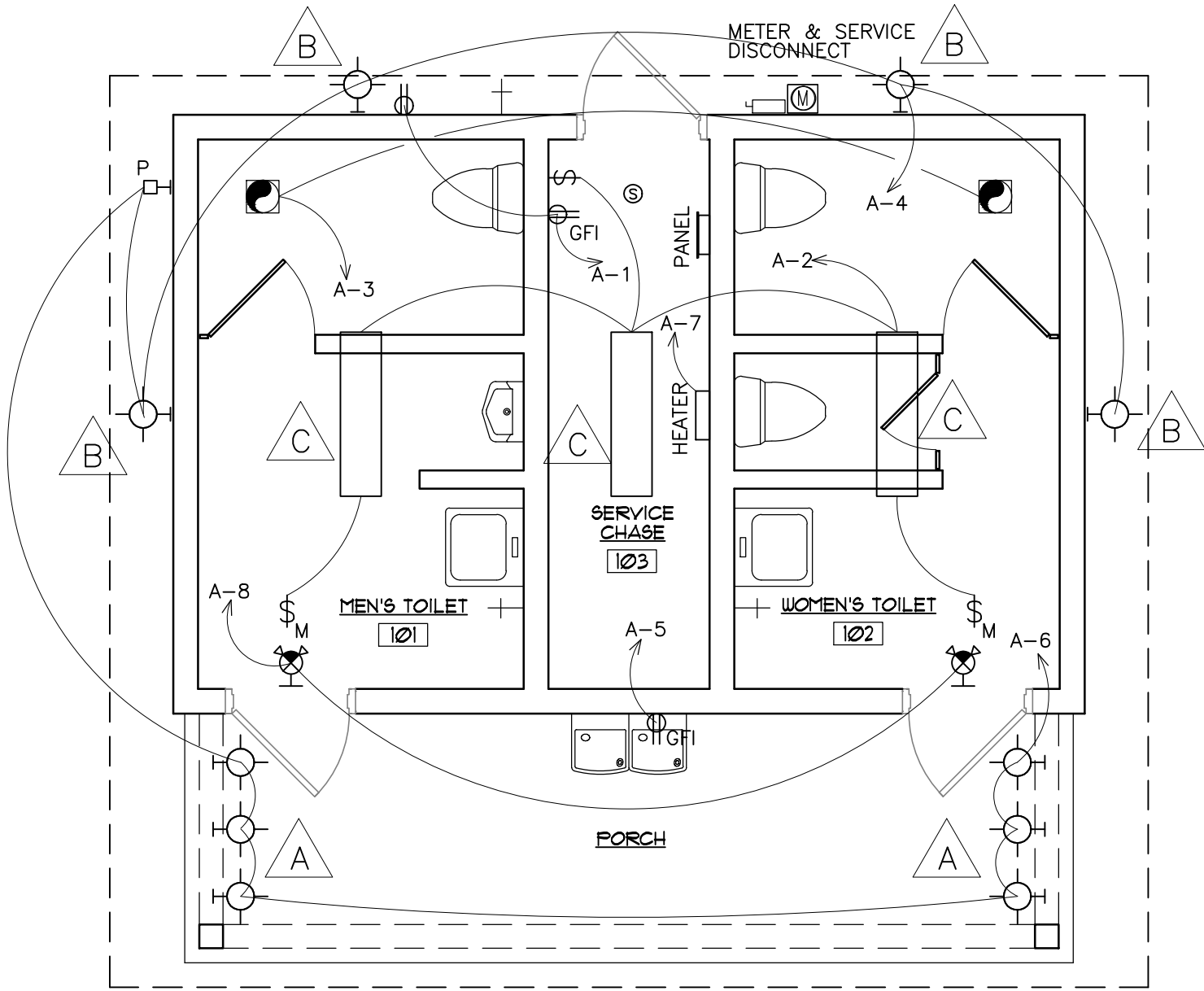
PANELBOARD SCHEDULE 'A'															
MAINS:		200A MLO		VOLTAGE:		240/120		PHASE:		1 WIRE: 3		MOUNTING:		SURFACE	
CIR #	TRIP	POLE	DESCRIPTION	CONNECTED KVA		DESCRIPTION		TRIP	POLE	CIR #					
				PHASE A	PHASE B										
1	20/1		GFI RECEPTACLES	2.4	1.8	LIGHTS - MEN/WOMEN/SERVICE CHASE		20/1		2					
3	20/1		EXHAUST FANS			1.6	2.4	LIGHTS - EXTERIOR		20/1	4				
5	20/1		GFI RECEPT. - WATER FOUNTAIN	0.6	3.6	LIGHTS - PORCH		20/1		6					
7	20/1		WALL HEATER			2.3	1.8	EXIT LIGHTS		20/1	8				
9			SPACE ONLY	-	-	SPACE ONLY				10					
11			SPACE ONLY			-	-	SPACE ONLY			12				
13			SPACE ONLY	-	-	SPACE ONLY				14					
15			SPACE ONLY			-	-	SPACE ONLY			16				
MIN. BREAKER A.I.C.			10,000		8.4	8.1	TOTAL CONNECTED LOAD:		16.5						
NOTES:			SER				TOTAL DEMAND LOAD:		17.7						
											I _l = 83.33 AMPS				

LOAD SUMMARY (SERVICE)		
LOAD	CONNECTED KVA	DEMAND KVA
LIGHTING	9.6	125% = 10.8
RECEPTACLES	3.0	3.0
FANS, ETC.	1.6	1.6
HEATER	2.3	2.3
TOTAL	16.5	17.7
		IL = 83.33 AMPS

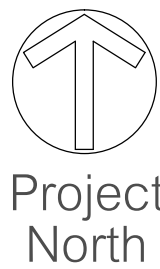


ELECTRICAL SPECIFICATIONS

- ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST NATIONAL ELECTRICAL CODE AND ALL LOCAL AND STATE CODES.
- ALL MATERIAL SHALL BE NEW AND SHALL CONFORM TO THE STANDARDS OF THE UNDERWRITER'S LABORATORIES, INC., AND THE NATIONAL MANUFACTURERS ASSOCIATION.
- ALL ELECTRICAL PERMITS AND INSPECTION FEES SHALL BE OBTAINED AND PAID FOR BY THE ELECTRICAL CONTRACTOR.
- DRAWINGS ARE DIAGRAMMATIC ONLY AND INDICATE ONLY THE GENERAL ARRANGEMENT. SEE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS.
- ELECTRICAL CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIALS FOR ONE YEAR EFFECTIVE THE DAY THE PROJECT IS ACCEPTED BY THE OWNER.
- ELECTRICAL CONTRACTOR SHALL MAKE ALL ELECTRICAL POWER CONNECTIONS TO HVAC, PLUMBING AND OTHER EQUIPMENT AS REQUIRED.
- A COMPLETE GROUNDING SYSTEM SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH ARTICLE 250 OF THE NEC, AND AS SHOWN ON THE DRAWINGS.
- ALL CUTTING AND PATCHING OF WALLS AND FLOORS FOR ELECTRICAL EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
- ALL WIRING SHALL BE AS APPROVED BY NEC AND LOCAL AUTHORITY HAVING JURISDICTION.
- ALL CONDUCTORS SHALL BE RATED AT NOT LESS THAN 600 VOLTS. MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG UNLESS NOTED OTHERWISE. CONDUCTORS #8 AWG AND SMALLER SHALL BE COPPER. ALL WIRE #8 AWG AND LARGER SHALL BE STRANDED, #10 AWG AND SMALLER SHALL BE SOLID. GROUNDING ELECTRODE CONDUCTORS AND GROUNDING BONDING JUMPERS MAY BE SOLID CONDUCTORS.
- BRANCH CIRCUIT CONDUCTORS #10 AWG AND SMALLER SHALL BE TYPE TW, THW OR THHN. CONDUCTORS #8 AWG AND LARGER SHALL BE TYPE THW, THWN OR THHN.
- PROVIDE A PULLWIRE IN ALL EMPTY CONDUITS.
- PROVIDE A TYPED DIRECTORY IN ALL PANELBOARDS CLEARLY DESCRIBING THE LOCATION OF AND TYPE OF LOAD BEING SERVED FOR ALL CIRCUITS.
- PROVIDE ENGRAVED PHENOLIC NAMEPLATES FOR ALL PANELBOARDS AND DISCONNECT SWITCHES, WHITE LETTERS ON BLACK BACKGROUND.
- FUSES 0 - 600 AMPS SHALL BE UL CLASS "RK-1" LOW PEAK DUAL ELEMENT TIME DELAY WITH 200,000 AMPERE INTERRUPTING RATING AS MANUFACTURED BY BUSS.
- COORDINATE EXACT LOCATION AND REQUIREMENTS FOR POWER COMPANY SERVICE ENTRANCE EQUIPMENT.
- ALL TERMINALS, SPLICING CONNECTORS, LUGS, ETC SHALL BE IDENTIFIED FOR USE WITH THE MATERIAL (CU/AL) OF THE CONDUCTOR AND SHALL BE PROPERLY INSTALLED.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL ELECTRICAL EQUIPMENT FROM FOREIGN MATERIAL DURING CONSTRUCTION (PAINT, SPACKLE, ETC.).
- ALL EXPOSED CONDUIT SHALL BE RUN PARALLEL OR PERPENDICULAR TO THE BUILDING SURFACES AND SHALL BE PAINTED AS DIRECTED BY THE ARCHITECT.



1 POWER & LIGHTING PLAN E1.0 SCALE: 1/4" = 1'-0"



1
M1.0

MECHANICAL PLAN
SCALE: 1/4" = 1'-0"

1
MEN'S TOILET
101

2
WOMEN'S TOILET
102

3
SERVICE CHASE
103

4
PORCH

6"Ø
FAN-1

6"Ø
FAN-1

MECHANICAL GENERAL NOTES

1. ALL MECHANICAL EQUIPMENT AND INSTALLATIONS SHALL CONFORM WITH THE REQUIREMENTS OF THE STATE BUILDING CODE, THE STATE ENERGY CODE, NFPA 90A, 101 AND ALL APPLICABLE LOCAL CODES AND ORDINANCES.

2. PRIOR TO PURCHASING ANY MATERIALS OR STARTING ANY WORK, CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, DUCTWORK SIZES AND LOCATIONS, EQUIPMENT, ETC. SHOWN ON THE DRAWINGS OR AFFECTING THIS WORK AND SHALL REPORT ANY DEVIATIONS TO THE ARCHITECT.

3. SHOP DRAWINGS SHALL BE SUBMITTED TO AND APPROVED BY THE ARCHITECT PRIOR TO ORDERING, PURCHASING, OR FABRICATING ANY MECHANICAL EQUIPMENT. SHOP DRAWINGS SHALL INCLUDE: ALL EQUIPMENT SCHEDULED OR SPECIFIED ON THE DRAWINGS; DUCTWORK DRAWN TO 1/4" SCALE OR THE SCALE SHOWN ON THE DRAWINGS; REFRIGERANT PIPING AND CONTROL WIRING SCHEMATICS APPROVED BY THE AIR CONDITIONING EQUIPMENT MANUFACTURER.

4. CONTRACTOR SHALL COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH ELECTRICAL DRAWINGS PRIOR TO ORDERING EQUIPMENT OR SUBMITTING SHOP DRAWINGS, AND SHALL FURNISH EQUIPMENT WIRED FOR THE VOLTAGES SHOWN THEREIN.

5. ALL MECHANICAL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

6. ALL MECHANICAL EQUIPMENT AND SYSTEMS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE BY OWNER.

7. EXHAUST DUCTWORK SHALL BE FLEXIBLE OR SHEET METAL AND SHALL NOT BE INSULATED UNLESS NOTED OTHERWISE.

8. ANY EXISTING WALL, FLOOR, OR CEILING SURFACE THAT IS DISTURBED DURING THE COURSE OF THE HVAC WORK SHALL BE REPAIRED TO MATCH NEW AND/OR EXISTING CONDITIONS.

9. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL MECHANICAL EQUIPMENT, DUCTWORK, ETC. TO FIT WITHIN THE SPACE ALLOWED BY THE ARCHITECTURAL AND STRUCTURAL CONDITIONS. CUTTING OR OTHERWISE ALTERING ANY STRUCTURAL MEMBERS SHALL NOT BE PERMITTED WITHOUT WRITTEN PERMISSION FROM THE ARCHITECT.

10. NO PENETRATION OF FIRE RATED WALL ASSEMBLIES IS PERMITTED.

11. ATTIC VENTILATION SHALL CONSIST OF 21 E-10W 16" X 4" SOFFIT VENTS OR EQUIVALENT CONTINUOUS VENTS (NET 22 SQ. IN EACH) AND 25 FT. OF RIDGE VENT (NET 18 SQ.IN. EACH).
CALCULATION: 815 SQ. FT./150 = 5.4 SQ.FT REQUIRED OR 782.4 SQ. IN.
782.4 SQ.IN /22 SQ.IN./SOFFIT VENT = 18 SOFFIT VENTS REQ.
782.4 SQ.IN /18 SQ.IN./RIDGE VENT = 22 FT. RIDGE VENT REQ.

12. NO INSULATION IS REQUIRED, FACILITY IS UNCONDITIONED.

SCHEDULE — EXHAUST FAN

TAG	MODEL	LOCATION	CFM	E.S.P.	MOTOR HP(W)	RFM	DRIVE	WEIGHT (Lb)	ACCESSORIES
FAN-1	L250	CEILING	250	0.250	166W	830		23.1	1,2,4

ACCESSORIES:

1. GRAVITY BACKDRAFT DAMPERS & GUARD

2. WIRE INTO LIGHT SWITCH.

3. THERMOSTAT CONTROL.

4. DISCONNECT SWITCH.

5. MOTORIZED DAMPER

6. MOTOR SIDE GUARD.

7. WALL SLEEVE.

SELECTIONS FOR EXHAUST FAN ARE BASED ON PRODUCTS BY BROOM & GREENHECK, RESPECTIVELY
EQUAL PRODUCTS: GREENHECK, PENN, CARNES, JENNAIRE, AMMERIAN.

REQUIRED VENTILATION PER IMC TABLE 403.3

ROOM	REQ. VENTIL. (CFM)	PROVIDED VENTIL. (CFM)
MEN	75CFM/TOILET=150CFM	160 CFM
WOMEN	75CFM/TOILET=150CFM	160 CFM

150 Dupree Road
Woodstock, Georgia 30188

Dupree Road Park Project

MECHANICAL PLANS,
NOTES & DETAILS

APRIL 15, 2013

M1.0

Project North

EPIC FACILITY SOLUTIONS OF GEORGIA, LLC
DAVID B. SARGENT
500 TIBBBS LANE
CANTON, GA 30115-9242
770-566-5719
770-704-6830 FAX

REVISIONS

DATE	DESCRIPTION	BY

PLUMBING NOTES

- WORK SHALL BE INSTALLED IN A MANNER THAT WILL COMPLY WITH APPLICABLE CODES AND CHEROKEE COUNTY WATER & SEWER DEPARTMENT OR LOCAL CITY WATER DEPARTMENT REQUIREMENTS. THE CONTRACTOR SHALL COMPLY WITH THE CONTRACT DOCUMENTS WHERE THEY EXCEED CODE REQUIREMENTS.
- CONTRACTOR SHALL INCLUDE ALL MATERIALS AND LABOR REQUIRED TO INSTALL THE PLUMBING SYSTEM TO A POINT OF 5'-0" OUTSIDE THE BUILDING WALL UNLESS OTHERWISE NOTED BY THE ARCH. OR CIVIL ENGINEERS.
- THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY OF ANY ON SITE CONFLICTS BETWEEN THE PLUMBING, FIRE PROTECTION, AND OTHER TRADES.
- SANITARY AND STORM DRAINAGE PIPING SHALL HAVE A MINIMUM SLOPE AS FOLLOWS UNLESS NOTED ON THE DRAWINGS. SLOPES SHALL NOT BE LESS THAN THE MINIMUM ALLOWED BY CODE.
A. 2-1/2" SANITARY AND SMALLER 1/4" PER FOOT.(MIN.)
B. 3" SANITARY AND LARGER 1/8" PER FOOT.(MIN.)
C. ALL STORM PIPING 1/8" PER FOOT.(MIN.)
- MATERIALS SHALL BE NEW AND AS FOLLOWS.
A. DRAINAGE PIPING: SCHEDULE 40 PVC.
B. WATER PIPING: COPPER OR OTHER CODE APPROVED MATERIAL.

NOTE: NO JOINTS SHALL BE INSTALLED IN PRESSURE PIPING LOCATED BELOW SLAB ON GRADE.
- ALL HOSE BIBBS AND WALL HYDRANTS SHALL BE EQUIPPED WITH AN APPROVED BACK FLOW PREVENTER.
- PROVIDE SUBMITTAL INFORMATION ON ALL EQUIPMENT, FIXTURES, SYSTEMS, AND MATERIALS NOTED WITH-IN THE DOCUMENTS, SHOWING SUFFICIENT DATA: (SIZES, CAPACITIES, MATERIALS, LISTING, ETC.) TO INDICATE COMPLIANCE WITH THE DOCUMENTS AND LOCAL CODES.
- WHERE THE FLOOD RIMS OF PLUMBING FIXTURES ARE BELOW THE ELEVATION OF THE MANHOLE COVER OF THE NEXT UPSTREAM MANHOLE IN THE PUBLIC SEWER, SUCH FIXTURES SHALL BE PROTECTED BY A BACKWATER VALVE INSTALLED IN THE BUILDING DRAIN, BRANCH OF THE BUILDING DRAIN OR HORIZONTAL BRANCH SERVING SUCH FIXTURES. PLUMBING FIXTURES HAVING FLOOD LEVEL RIMS ABOVE THE ELEVATION OF THE MANHOLE COVER OF THE NEXT UPSTREAM MANHOLE IN THE PUBLIC SEWER SHALL NOT DISCHARGE THROUGH A BACKWATER VALVE.
- ANY EXISTING WALL, FLOOR, OR CEILING SURFACE THAT IS DISTURBED DURING THE COURSE OF THE PLUMBING WORK SHALL BE REPAIRED TO MATCH NEW AND/OR EXISTING CONDITIONS.
- NO WATER SUPPLY PIPING OR P-TRAPS TO BE RUN IN EXTERIOR WALLS EXCEPT AS FOLLOWS: 2X6 STUD WALLS-BIAS SUPPLY PIPING & P-TRAP TO CONDITIONED SIDE OF WALL & INSULATE. 2X4 WALLS TO BE FURRED TO 2X6 DEPTH & PIPING/TRAPS INSTALLED AS PER 2X6 WALLS.
- ALL PLUMBING SHALL HAVE DRAIN CAPABILITY FOR FREEZE PROTECTION.
- FLUSH HANDLES FOR ACCESSIBLE TOILETS SHALL BE LOCATED ON THE WIDE SIDE OF THE TOILET COMPARTMENT.
- PROVIDE 0.5 GPM AERATORS OR .25 GPM METERING CYCLS DEVICES AT ALL LAVATORIES.
- PROVIDE WATER TEMPERATURE TEMPERING DEVICE TO LIMIT HOT WATER TEMPERATURE TO MAX. 110 DEGREES F AT ALL LAVATORIES WHERE REQUIRED.
- ALL DEVICES INCLUDING DOUBLE CHECK BACKFLOW PREVENTER AT WATER METER TO BE TESTED PER CHEROKEE COUNTY WATER & SEWER DEPARTMENT OR LOCAL CITY WATER DEPARTMENT REQUIREMENTS.
- PROVIDE TRAP PRIMERS OR TRAP GUARDS AT ALL FLOOR DRAINS.

PLUMBING FIXTURE CONNECTION SCHEDULE

		MINIMUM SIZE UTILITY TO FIXTURE		
FIXTURE #	FIXTURE TYPE	WASTE CONNECTION	HOT WATER SUPPLY	COLD WATER SUPPLY
F-1	LAVATORY	1-1/4"	---	1/2"
F-2	WATER CLOSET	3"	---	1/2"
F-3	H/C WATER CLOSET	3"	---	1/2"
F-4	URINAL	2"	---	1/2"
F-5	DRINKING FOUNTAIN	1-1/4"	---	1/2"

PLUMBING SYMBOLS

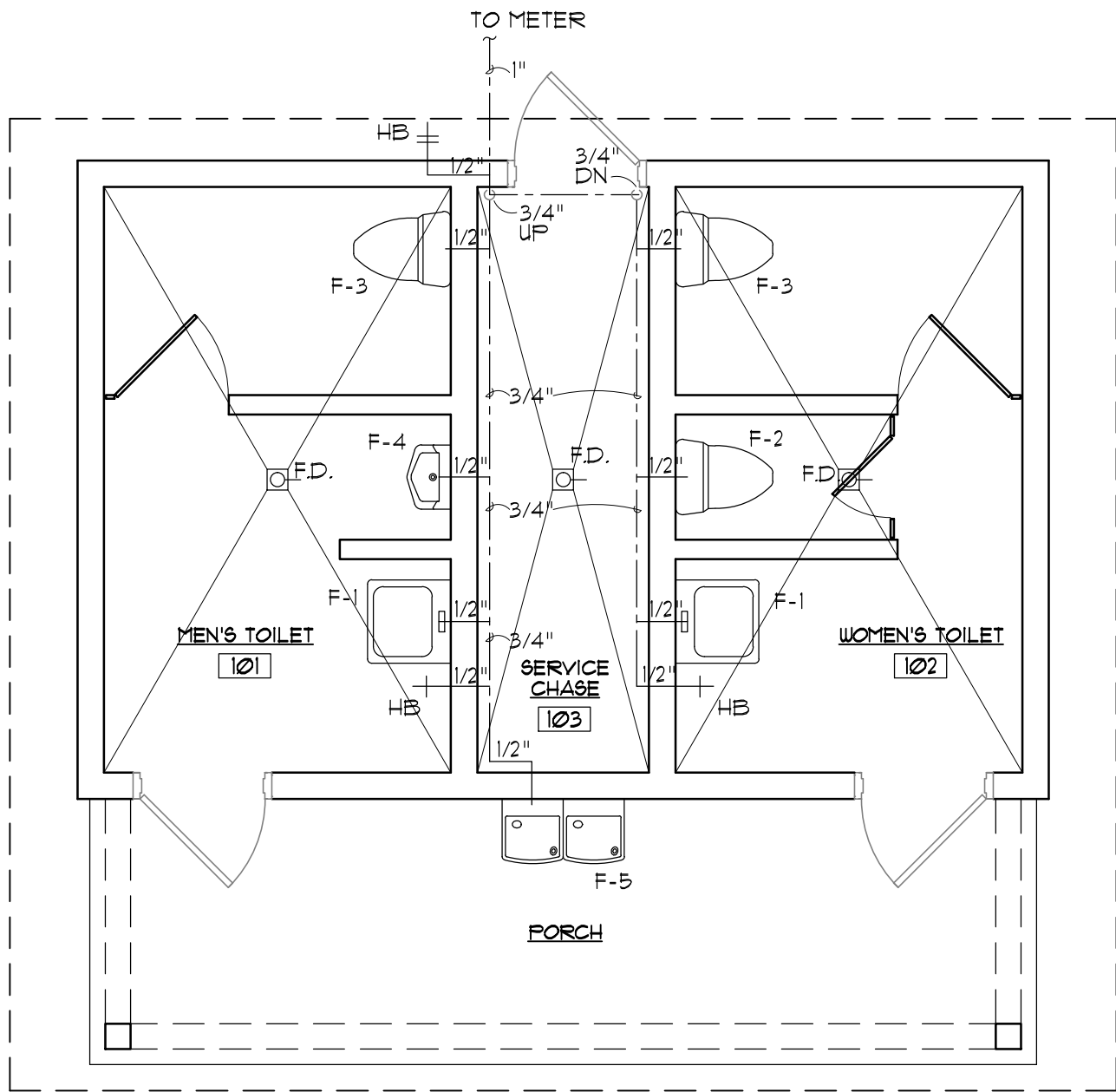
SYMBOL	DESCRIPTION	ABBREVIATION	SYMBOL	DESCRIPTION	ABBREVIATION
—————	WASTE LINE	W	⊙—	YARD CLEANOUT	YCO
-----	VENT LINE	V	⊕	FLOOR DRAIN W/ TRAP PRIMER	FD. W/TP
-----	COLD WATER	CW	—+	HOSE BIBB - INSIDE	HB
			—H	WALL HYDRANT - OUTSIDE (FREEZE PROOF)	WH

PLUMBING FIXTURE SCHEDULE

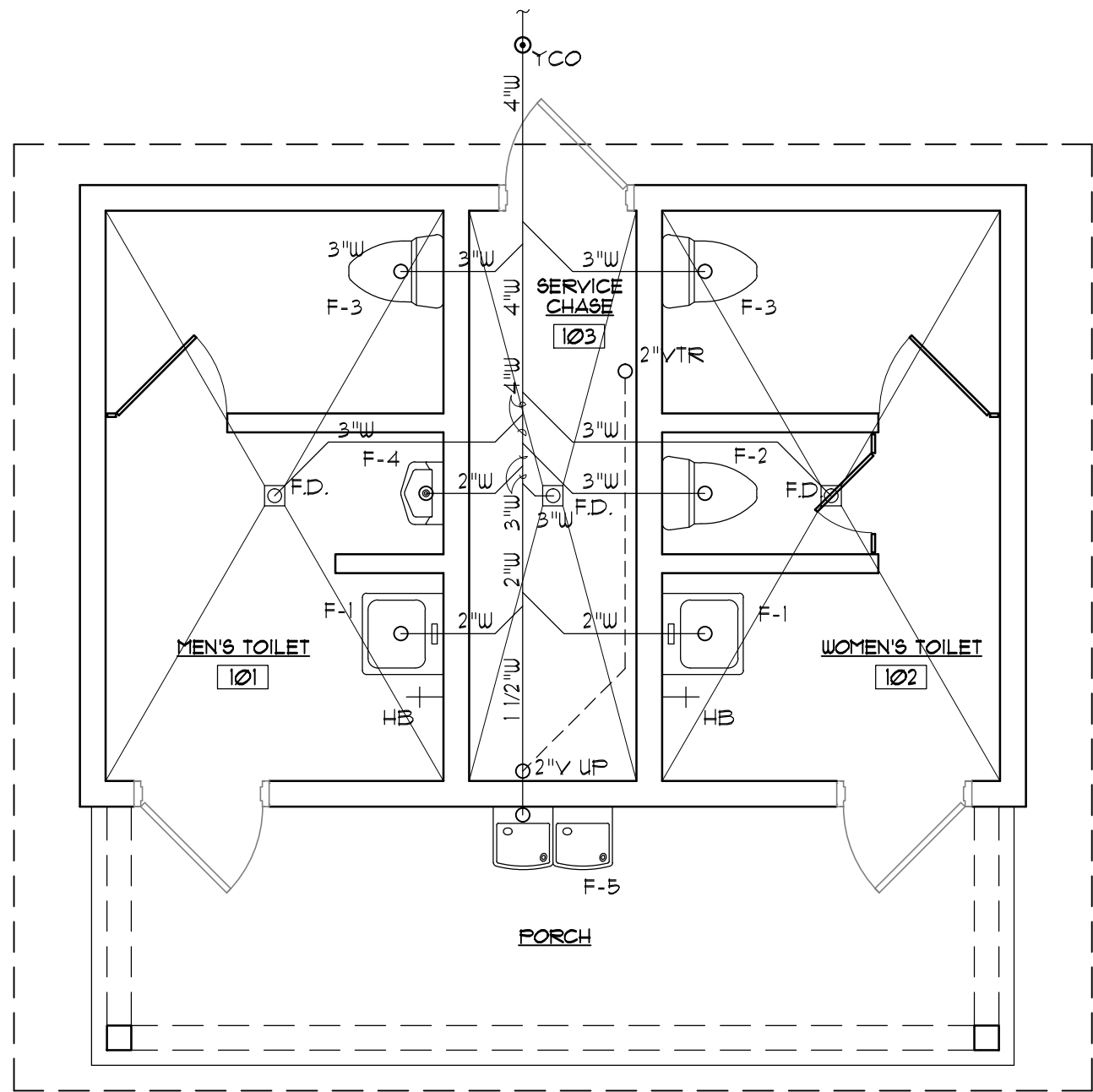
UNLESS OTHERWISE INDICATED, NUMBERS ARE AMERICAN STANDARD. EQUAL PRODUCTS: KOHLER, CRANE, ELIER, OLSONITE, SPERZEL, DELTA, MANSFIELD, SIMMONS, BRADLEY, GERBER, CENTOCO, HALSEY TAYLOR, FIAT, STERN-WILLIAMS, ZURN, DELANY, CHURCH, BENEKE.

- F-1 LAVATORY - WALL MOUNTED - SINGLE LEVER - POP-UP DRAIN: CRANE - 1304V ATLANTA W/ONE PIECE WALL HANGER - 19 X 17" ENAMELED STEEL LAVATORY PUNCHED ON 4" CENTERS. DELTA 520-WFPU SINGLE LEVER FAUCET WITH AERATOR, POP-UP DRAIN, 1/2" MALE THREADED CONNECTORS, MCGUIRE 167 CHROME PLATED ANGLE SUPPLY WITH 1/2" O.D. X 12" FLEXIBLE RISER AND 3/8" I.P.S. X 1/2" O.D. WHEEL HANDLE STOP WITH WROUGHT ESCUTCHEON, MCGUIRE 8872 P-TRAP 1-1/4" X 1-1/4" WITH CAST BRASS NUTS AND CLEANOUT PLUG OR EQUIV.
- F-2 WATER CLOSET - FLOOR MOUNTED - TANK - ELONGATED - SEAT W/COVER: CRANE 31885 ECONOMIZER ONE BIG FOOT, 1.1 GPF W/EFFICIENCY POWER ASSIST, 15" RIM HEIGHT, BEMIS 1900 HEAVY DUTY SOLID PLASTIC ELONGATED SEAT, CLOSED FRONT WITH COVER. MCGUIRE 169 SUPPLY TO WALL WITH WHEEL HANDLE STOP, WALL NIPPLE AND ESCUTCHEON AND FLEXIBLE RISER OR EQUIV.
- F-3 WATER CLOSET - FLOOR MOUNTED - TANK - ELONGATED - SEAT W/COVER: CRANE 31888 ECONOMIZER ONE BIG FOOT, 1.1 GPF W/EFFICIENCY POWER ASSIST, 16 5/8" RIM HEIGHT, BEMIS 1900 HEAVY DUTY SOLID PLASTIC ELONGATED SEAT, CLOSED FRONT WITH COVER. MCGUIRE 169 SUPPLY TO WALL WITH WHEEL HANDLE STOP, WALL NIPPLE AND ESCUTCHEON AND FLEXIBLE RISER OR EQUIV.
- F-4 URINAL - WALL MOUNTED: CRANE 7120 ECO RICHLAND, .5 GPF.
- F-5 ELECTRIC DRINKING FOUNTAIN - DUAL LEVEL WALL MOUNTED: ELKAY VRCLBSC OR EQUAL.

YCO PVC CLEAN-OUT PLUG, VERTICAL TO HORIZONTAL TRANSITION TO BE MADE WITH ONE LONG SWEEP OR WITH TWO 1/8 BENDS. CLEAN-OUT TO BE IN 12" X12" X 6" DEEP PAD SET FLUSH WITH GRADE.



1 SUPPLY PLAN
P1.0 SCALE: 1/4" = 1'-0"



2 WASTE PLAN
P1.0 SCALE: 1/4" = 1'-0"

